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File: USPT

Jul 25, 2000

US-PAT-NO: 6094600

DOCUMENT-IDENTIFIER: US 6094600 A

TITLE: System and method for managing a transaction database of records of changes to field device configurations

DATE-ISSUED: July 25, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sharpe, Jr.; Richard R.	Lakeville	MN		
Tielens; Craig R.	Minneapolis	MN		
Westbrock; Jon	Richfield	MN		
Olson; Gene H.	Minneapolis	MN		
Bruck; Robert	Apple Valley	MN		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Fisher-Rosemount Systems, Inc.	Austin	TX			02

APPL-NO: 08/ 599371 [PALM]

DATE FILED: February 6, 1996

INT-CL: [07] G05 B 11/01

US-CL-ISSUED: 700/19; 702/187, 700/83

US-CL-CURRENT: 700/19; 700/83, 702/187

FIELD-OF-SEARCH: 702/187, 711/161, 707/204, 700/11-28, 700/47-55, 700/40, 700/67, 700/75, 700/83-88, 345/963

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

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<input type="checkbox"/>	<u>5307491</u>	April 1994	Feriozi et al.	395/681
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<input type="checkbox"/>	<u>5386360</u>	January 1995	Wilson et al.	364/188
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<input type="checkbox"/>	<u>5586324</u>	December 1996	Sato et al.	395/652
<input type="checkbox"/>	<u>5613123</u>	March 1997	Tsang et al.	395/651

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FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
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0 434 986 A2	July 1991	EP	
0 560 226 A2	September 1993	EP	
2 692 701	December 1993	FR	
2 713 360	June 1995	FR	
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WO 95/09387	April 1995	WO	
WO 95/26527	May 1995	WO	
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PCT International Search Report for PCT/US97/01534 mailed Jun. 20, 1997, 4 pgs.
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ART-UNIT: 276

PRIMARY-EXAMINER: Grant; William

ASSISTANT-EXAMINER: Garland; Steven R.

ABSTRACT:

A computer-based database management method permits management of a configuration database associated with one of a plurality of devices. Each device has a variable configuration which includes at least one adjustable parameter. The method includes the steps of selecting a particular device, selecting a particular parameter of the particular device, assigning a particular value for the particular parameter at a particular time, communicating the particular value for the particular parameter to the particular device at the particular time, creating a transaction record, and storing the transaction record in a configuration database. The transaction record includes an identifier uniquely identifying the particular device and further specifies the particular parameter of the particular device, the particular value for the particular parameter, and the particular time at which the particular value is to be applied to the particular parameter.

22 Claims, 24 Drawing figures